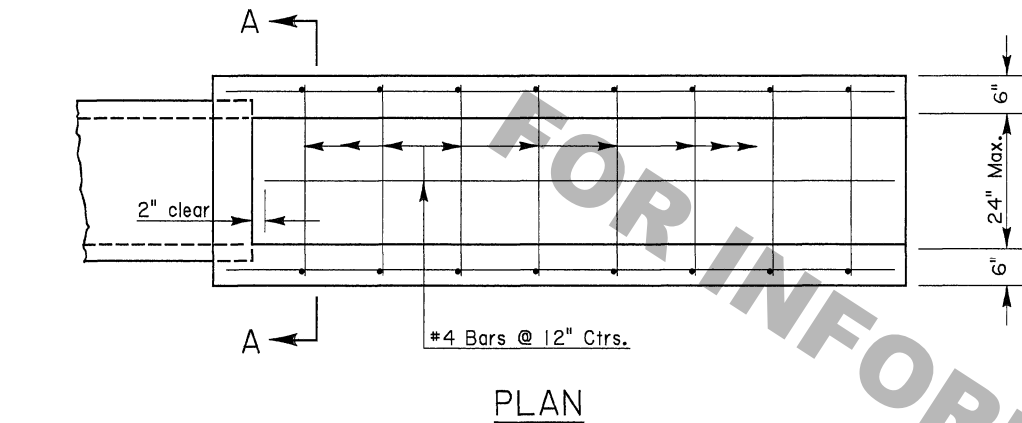
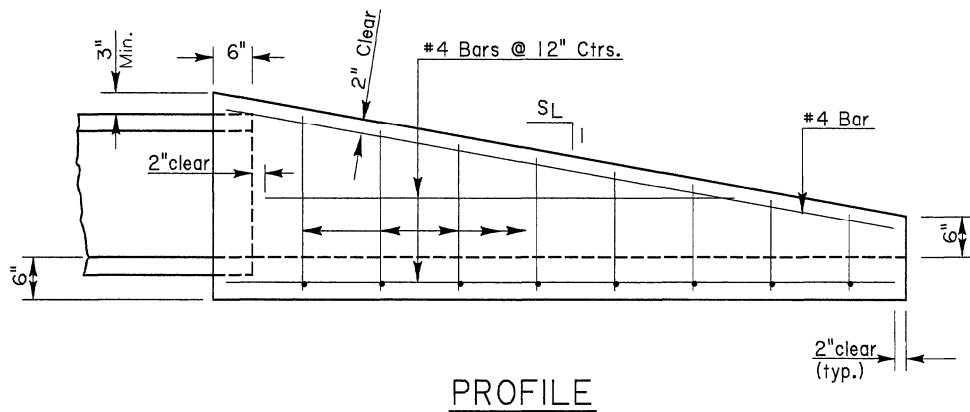


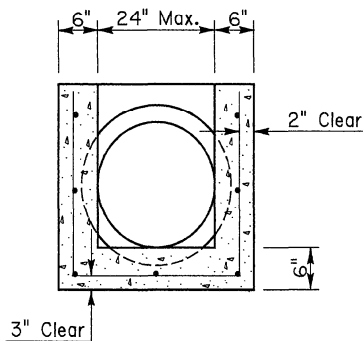
CAST-IN-PLACE ALTERNATE



PLAN



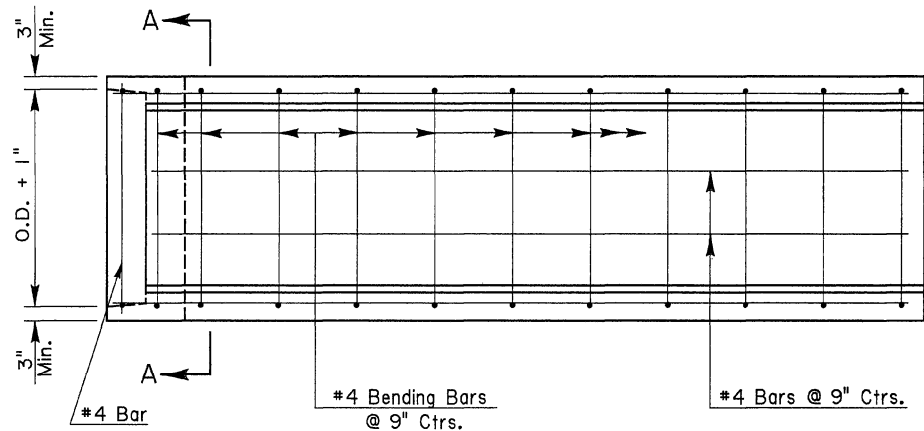
PROFILE



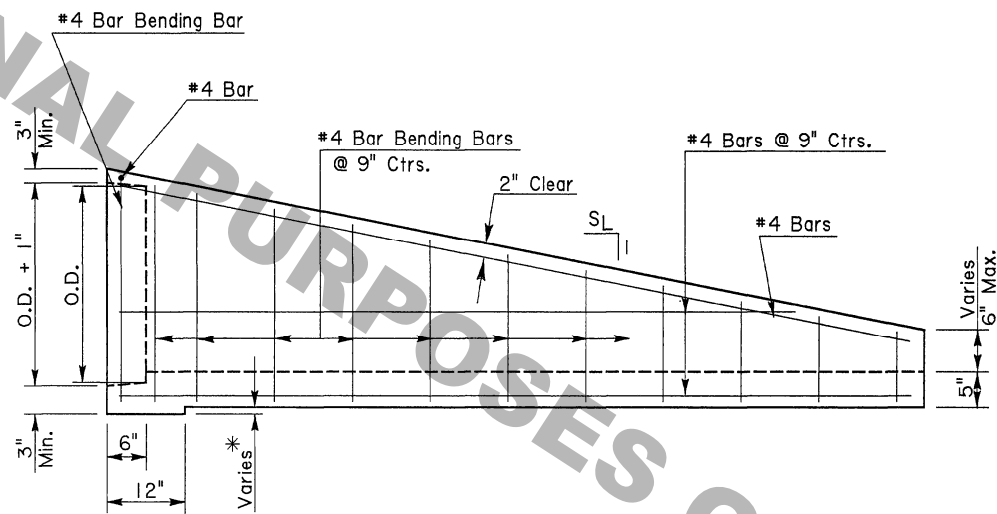
SECTION A-A

PRECAST ALTERNATE

- Notes: 1. Concrete to be 4000 psi & reinforcing steel to be Grade 60.
2. RCP bell ends which exceed the normal pipe outside diameter (O.D.) shall be removed.
3. Pipe connections shall be sealed with flexible gasket material.
4. Exposed corners may be chamfered 3/4".



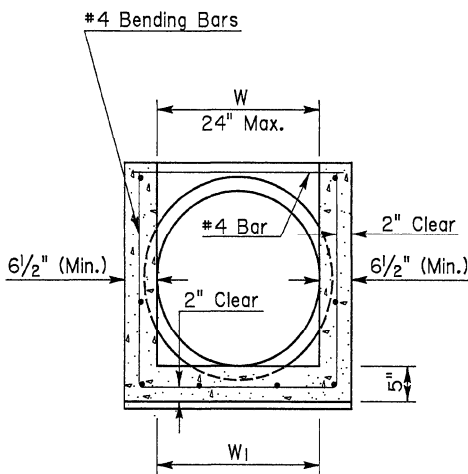
PLAN



PROFILE

*As needed to provide 3" min. clearance between outside diameter of pipe and bottom slab.

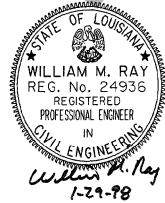
FEDERAL PROJECT	STATE PROJECT	PARISH	SHEET NO.



SECTION A-A

General Notes: (Cast-In-Place & Precast Alternate)

- 1) While a RCP culvert is detailed, this Safety End shall also be used with RCPA, CMP, CMPA, and RCB culverts. Multiple culverts require multiple Safety Ends.
- 2) Slope of Safety End walls (SL:1) shall match the required sideslope. If no sideslope is given, a slope of 6:1 shall be required.
- 3) The Safety End shall be cast-in-place or precast concrete units and shall be in accordance with Section 702 of the LA DOTD Standard Specifications.



1-16-98	Added Special Detail Name SETSD1	JCM
9-27-93	Revised General Notes	WMR
7-10-92	Revised General Notes	PAA
6-22-92	Removed Sack Alternate, added Precast Alternate, revised Cast-In-Place Alternate	PAA
8-5-91	General Revisions	PAA
DATE	DESCRIPTION	BY
REVISIONS		

SPECIAL DETAIL NO.	SETSD1	SHEET	1 OF 1
SIDE DRAIN SAFETY END - TYPE I			
Maximum Pipe Sizes: 24" RCP, 24" CMP, 18" Eq. RCPA, 18" Eq. CMPA			
DATED APRIL 22, 1991			
STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT			
DESIGNED PAA	DETAILED KAJ	DIR. spdetail/softyend	
CHECKED	CHECKED PAA	FILE softysd.dgn	
HYDRAULICS SECTION			